IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | |
|---|---|
| In re Patent of: ) | |
| : | Examiner: Sean Motsigner |
| AXEL BECKER ET AL. ) | |
| : | Art Unit: 2624 |
| Appln. No.: 10/673,862 ) | |
| : | Conf. No.: 1364 |
| Filed: September 30, 2003 ) | |
| : | |
| For: DIGITAL VIDEO COMPRESSION ) | |
| : | |
| U.S. Patent No.: 7,308,146 B2 ) | |
| : | |
| Issued: December 11, 2007 ) | July 24, 2008 |

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF CORRECTION
UNDER RULES 322 AND 323

Sir:

It is respectfully requested that a Certificate of Correction be issued by the

Patent and Trademark Office due to errors which appear in the printed patent as a result of

Patent and Trademark Office mistakes, and mistakes of a clerical, typographical, or minor

character, which were not the fault of the Patent and Trademark Office. A Certificate of

Correction form, in duplicate, is enclosed.

The amount of $100.00 to cover the statutory fee for such Certificate of

Correction is being paid concurrently; please charge any deficiency in the fee, and credit

any overpayment, to Deposit Account 06-1205.

Patentees' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,


 /Sugiarto Hadikusumo/
Sugiarto Hadikusumo
Attorney for Patentees
Limited Recognition No.: L0370


FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
Facsimile: (212) 218-2200

# UNITED STATES PATENT AND TRADEMARK OFFICE
# CERTIFICATE OF CORRECTION

PATENT NO.    :    US 7,308,146 B2

DATED    :    December 11, 2007

INVENTOR(S)  :    AXEL BECKER ET AL.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

ON THE TITLE PAGE [56] REFERENCES CITED:

Other Publications, "Tubman, "High performance Scalable Image Compression with EBCOT" Proceedings of the 1999 International Confrence on Image processing vol. 3 p. 344-348, 1999.*" (sic) should be deleted (duplicate).

SHEET 4:

Figure 6, "Retrive" should read  --Retrieve--.

COLUMN 3:

Line 66, "According" should read --¶ According--.

COLUMN 5:

Line 5, "illustrates" should read --illustrate--; and
Line 9, "illustrates" should read --illustrate--.

COLUMN 9:

Line 10, "$\geq \lambda_{M+}1^{n}$" should read --$\geq \lambda_{N+1}{}^{n}$--;

Line 51, "$\lambda_{i_n+1}{}^{n} \leq \lambda \leq \lambda_{i_n}{}^{n}$." should read --$\lambda_{i_n+1}^{n} \leq \lambda \leq \lambda_{i_n}^{n}$--;

Line 54, "$r_{i_n}{}^{n}$" should read --$r_{i_n}^{n}$--; and
Line 65, "$\{R(\lambda)$" should read --$\{R(\lambda)\}$--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO.  US 7,308,146 B2

No. of add'l. copies
@ 30¢ per page

Form PTO 1050 (Rev. 3-82)
FCHS_WS 2311386v1

# UNITED STATES PATENT AND TRADEMARK OFFICE
## CERTIFICATE OF CORRECTION

PATENT NO. : US 7,308,146 B2

DATED : December 11, 2007

INVENTOR(S) : AXEL BECKER ET AL.



Page 2 of 5

**It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:**

COLUMN 10:

Line 7, " $\lambda_{i_n}{}^n \left(or\ \lambda_{i_n+1}{}^n\right)$ " should read -- $\lambda_{i_n}^n \left(or\ \lambda_{i_n+1}^n\right)$ --;

Line 8, " $\lambda_{i_n}{}^n$ ." should read -- $\lambda_{i_n}^n$ . --; and

Line 17, "other is" should read --other--.

COLUMN 12:

Line 48, "JPEG 2000" should read --JPEG2000--.

COLUMN 14:

Line 46, " $d_{j_n}{}^n$ " should read -- $d_{j_n}^n$ --; and

Line 49, " $d_{j_n}{}^n := \alpha d_{j_n}{}^n$ ." should read -- $d_{j_n}^n := \alpha d_{j_n}^n$ .--.

COLUMN 15:

Line 32, " $\delta_j{}^n = \delta_{j-1}{}^n - \delta_j{}^n$ ," should read -- $\delta_j^n = \delta_{j-1}^n - \delta_j^n$ ,--;

Line 35, " $d_0{}^n = 0$ ." should read -- $d_0^n = 0$ .--;

Line 36, " $d_{j_n}{}^n$ " should read -- $d_{j_n}^n$ --; and

Line 37, " $\delta_{j_n}{}^n := c\delta_{j_n}{}^n$ ," should read -- $\delta_{j_n}^n : c\delta_{j_n}^n$ ,--.

COLUMN 24:

Line 9, "initialised," should read --initialised.--.

PATENT NO. <u>US 7,308,146 B2</u>

No. of add'l. copies
@ 30¢ per page

⟹ _____

Form PTO 1050 (Rev. 3-82)
FCHS_WS 2311386v1

# UNITED STATES PATENT AND TRADEMARK OFFICE
## CERTIFICATE OF CORRECTION

PATENT NO. : US 7,308,146 B2

DATED : December 11, 2007

INVENTOR(S) : AXEL BECKER ET AL.                    Page 3 of 5

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 28:

Line 15, "illustrates" should read --illustrate--;
Line 19, "shows" should read --show--; and
Line 36, "B, and C" should read --14B, and 14C--.

COLUMN 29:

Line 35, "a" should read --an--.

COLUMN 33:

Line 12, "a" should read --an--; and
Line 44, " $D'_b = D_b M_b,$." should read -- $D'_b = D_b M_b.$--.

COLUMN 34:

Line 21, " $M_b = B - \min\left[ B, f\left( \dfrac{DevA_s}{s} \right) \right]$ " should read

-- $M_b = B - \min\left[ B, f\left( \dfrac{Dev\,A_s}{s} \right) \right]$ --;

Line 30, "therefore are" should read --therefore --; and

Line 37, " $M'_b = \alpha \cdot M_b + (1 - \alpha) \cdot M'_{(prev)}$ " should read

-- $M_b' = \alpha \cdot M_b + (1 - \alpha) \cdot M'_{(prev)}$ --.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO.  US 7,308,146 B2

No. of add'l. copies
@ 30¢ per page

⟹ _____

# UNITED STATES PATENT AND TRADEMARK OFFICE
# CERTIFICATE OF CORRECTION

PATENT NO.　：　US 7,308,146 B2

DATED　：　December 11, 2007

INVENTOR(S)　：　AXEL BECKER ET AL.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 35:

    Line 17, "If If" should read --If--; and

    Line 22, " $M'_k = (1 - \beta) \cdot M'_k + \beta \cdot M'$ " should read

    -- $M_k' = (1 - \beta) \cdot M_k' + \beta \cdot M'$ --.

COLUMN 36:

    Line 7, "JPEG" should read --JPEG2000--;
    Line 8, "2000" should be deleted; and
    Line 11, "JPEG 2000" should read --JPEG2000--.

COLUMN 37:

    Line 4, " $C_{L(n1)-1}{}^{n-1}$ ." should read -- $C_{L(n-1)-1}{}^{n-1}$ .--; and

    Line 57, "JPEG 2000" should read --JPEG2000--.

COLUMN 41:

    Line 66, "of" should be deleted.

COLUMN 42:

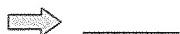    Line 20, "an" should read --a--; and
    Line 26, "20116" should read --2016--.

MAILING ADDRESS OF SENDER:

    FITZPATRICK, CELLA, HARPER & SCINTO
    30 Rockefeller Plaza
    New York, New York 10112-3801
    (212) 218-2100 - Telephone
    (212) 218-2200 - Facsimile

PATENT NO.　US 7,308,146 B2

No. of add'l. copies
@ 30¢ per page

Form PTO 1050 (Rev. 3-82)
FCHS_WS 2311386v1

# UNITED STATES PATENT AND TRADEMARK OFFICE
## CERTIFICATE OF CORRECTION

PATENT NO. : US 7,308,146 B2

DATED : December 11, 2007

INVENTOR(S) : AXEL BECKER ET AL.                              Page 5 of 5

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 43:

Line 20, "I claim:" should read --We claim:--.

COLUMN 44:

Line 13, "JPEG 2000." should read --JPEG2000.--;
Line 20, "JPEG 2000" should read --JPEG2000--; and
Line 36, "coefficients:" should read --coefficients;--.

COLUMN 45:

Line 27, "wherein" should read --wherein said--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO.  US 7,308,146 B2

No. of add'l. copies
@ 30¢ per page

⇒ _____